

ALMANAC XCIII CONJUNCTIONS BETWEEN MARS AND PLUTO IN BCE

The almanac XCIII contains a list of conjunctions between Mars and Pluto in the 1st millennium BCE.

1ST MILLENNIUM BCE

This is a list of conjunctions between Mars and Pluto in the

1st millennium BCE.

DATE	TIME	ARC	MARS	PLUTO
JAN 28, -599	06:59 AM	000	16AR28	16AR28
JUL 23, -598	04:41 AM	000	20AR15	20AR15
JUN 23, -596	01:21 AM	000	21AR56	21AR56
JUN 02, -594	08:50 PM	000	23AR30	23AR30
MAY 14, -592	10:10 PM	000	25AR00	25AR00
APR 27, -590	06:50 PM	000	26AR28	26AR28
APR 09, -588	07:19 PM	000	27AR57	27AR57
MAR 23, -586	08:22 AM	000	29AR27	29AR27
MAR 03, -584	04:53 AM	000	01TA02	01TA02
FEB 06, -582	08:38 AM	000	02TA42	02TA42
JUL 28, -581	00:08 AM	000	06TA33	06TA33
JUL 02, -579	08:07 PM	000	08TA14	08TA14
JUN 13, -577	10:42 PM	000	09TA51	09TA51
MAY 26, -575	05:24 PM	000	11TA25	11TA25
MAY 10, -573	03:20 AM	000	12TA59	12TA59
APR 22, -571	01:20 PM	000	14TA34	14TA34
APR 05, -569	07:30 AM	000	16TA11	16TA11
MAR 16, -567	00:30 AM	000	17TA53	17TA53
FEB 17, -565	08:20 AM	000	19TA42	19TA42
AUG 06, -564	03:45 AM	000	23TA44	23TA44
JUL 15, -562	01:49 PM	000	25TA34	25TA34
JUN 26, -560	07:07 PM	000	27TA21	27TA21
JUN 10, -558	08:43 AM	000	29TA06	29TA06
MAY 24, -556	10:27 AM	000	00GE52	00GE52
MAY 08, -554	10:22 AM	000	02GE40	02GE40
APR 20, -552	04:15 PM	000	04GE31	04GE31

APR 01, -550	04:37 PM	000	06GE29	06GE29
SEP 30, -549	08:36 PM	000	10GE43	10GE43R
NOV 13, -549	10:29 PM	000	10GE10R	10GE10R
MAR 04, -548	08:08 AM	000	08GE36	08GE36
AUG 22, -547	01:01 AM	000	13GE02	13GE02
AUG 02, -545	01:50 AM	000	15GE09	15GE09
JUL 15, -543	08:20 AM	000	17GE15	17GE15
JUN 29, -541	08:10 PM	000	19GE21	19GE21
JUN 13, -539	07:15 PM	000	21GE30	21GE30
MAY 29, -537	05:15 PM	000	23GE43	23GE43
MAY 12, -535	10:14 PM	000	26GE01	26GE01
APR 25, -533	01:31 AM	000	28GE27	28GE27
OCT 23, -532	08:00 PM	000	03CA21	03CA21R
DEC 02, -532	08:44 AM	000	02CA49R	02CA49R
MAR 29, -531	07:23 PM	000	01CA04	01CA04
SEP 15, -530	09:49 AM	000	06CA12	06CA12
AUG 26, -528	09:42 AM	000	08CA55	08CA55
AUG 10, -526	07:10 PM	000	11CA38	11CA38
JUL 26, -524	12:21 PM	000	14CA24	14CA24
JUL 12, -522	06:19 PM	000	17CA15	17CA15
JUN 28, -520	01:15 AM	000	20CA11	20CA11
JUN 13, -518	07:53 PM	000	23CA15	23CA15
MAY 28, -516	01:53 AM	000	26CA28	26CA28
MAY 07, -514	02:19 PM	000	29CA54	29CA54
OCT 24, -513	04:42 AM	000	06LE15	06LE15
OCT 03, -511	02:57 PM	000	09LE57	09LE57
SEP 18, -509	08:40 PM	000	13LE41	13LE41
SEP 04, -507	07:15 PM	000	17LE28	17LE28
AUG 23, -505	10:02 AM	000	21LE19	21LE19
AUG 10, -503	04:36 AM	000	25LE17	25LE17

JUL 28, -501	03:39 PM	000	29LE23	29LE23
JUL 14, -499	01:48 AM	000	03VI39	03VI39
JUN 27, -497	05:14 PM	000	08VI06	08VI06
DEC 25, -496	08:05 PM	000	15VI38	15VI38R
MAR 12, -495	07:31 AM	000	14VI13R	14VI13R
MAY 28, -495	05:44 AM	000	12VI50	12VI50R
NOV 26, -494	06:59 PM	000	20VI26	20VI26
NOV 09, -492	01:31 PM	000	25VI04	25VI04
OCT 27, -490	04:26 AM	000	29VI39	29VI39
OCT 13, -488	05:31 PM	000	04LI11	04LI11
OCT 01, -486	10:08 AM	000	08LI41	08LI41
SEP 17, -484	05:48 PM	000	13LI11	13LI11
SEP 04, -482	01:32 AM	000	17LI41	17LI41
AUG 18, -480	01:02 AM	000	22LI12	22LI12
JUL 24, -478	09:02 PM	000	26LI49	26LI49
JAN 23, -476	00:48 AM	000	04SC24	04SC24
DEC 31, -475	05:55 PM	000	08SC45	08SC45
DEC 15, -473	04:20 PM	000	12SC53	12SC53
NOV 30, -471	02:04 AM	000	16SC51	16SC51
NOV 15, -469	06:14 PM	000	20SC40	20SC40
OCT 31, -467	02:05 AM	000	24SC22	24SC22
OCT 15, -465	10:40 AM	000	28SC01	28SC01
SEP 26, -463	07:48 AM	000	01SA40	01SA40
AUG 29, -461	10:50 AM	000	05SA24	05SA24
MAR 02, -459	12:27 PM	000	11SA52	11SA52
FEB 06, -457	05:10 PM	000	15SA18	15SA18
JAN 18, -455	04:33 PM	000	18SA30	18SA30
JAN 02, -453	06:42 AM	000	21SA31	21SA31
DEC 16, -452	05:59 AM	000	24SA26	24SA26
NOV 29, -450	09:55 PM	000	27SA17	27SA17

NOV 11, -448	11:41 AM	000	00CP06	00CP06
OCT 21, -446	09:13 PM	000	02CP58	02CP58
SEP 12, -444	02:18 PM	000	06CP02	06CP02R
MAR 25, -442	12:28 PM	000	11CP25	11CP25
MAR 01, -440	04:27 PM	000	14CP05	14CP05
FEB 11, -438	03:22 AM	000	16CP34	16CP34
JAN 24, -436	08:59 PM	000	18CP56	18CP56
JAN 06, -434	09:57 PM	000	21CP15	21CP15
DEC 20, -433	01:45 PM	000	23CP32	23CP32
NOV 30, -431	06:02 PM	000	25CP50	25CP50
NOV 07, -429	04:24 AM	000	28CP12	28CP12
MAY 15, -427	01:55 AM	000	03AQ02	03AQ02R
APR 09, -425	04:55 PM	000	05AQ27	05AQ27
MAR 18, -423	10:12 AM	000	07AQ38	07AQ38
FEB 27, -421	11:46 PM	000	09AQ41	09AQ41
FEB 09, -419	10:14 AM	000	11AQ39	11AQ39
JAN 22, -417	11:23 PM	000	13AQ35	13AQ35
JAN 03, -415	10:21 PM	000	15AQ31	15AQ31
DEC 14, -414	07:29 PM	000	17AQ29	17AQ29
NOV 15, -412	06:35 PM	000	19AQ34	19AQ34
MAY 18, -410	03:34 AM	000	24AQ00	24AQ00
APR 20, -408	10:32 AM	000	26AQ01	26AQ01
MAR 31, -406	09:11 AM	000	27AQ52	27AQ52
MAR 12, -404	04:17 AM	000	29AQ37	29AQ37
FEB 22, -402	01:13 PM	000	01PI19	01PI19
FEB 04, -400	07:49 PM	000	03PI01	03PI01
JAN 16, -398	04:12 AM	000	04PI45	04PI45
DEC 25, -397	12:17 PM	000	06PI32	06PI32
NOV 17, -395	01:17 AM	000	08PI31	08PI31R
MAY 24, -393	07:52 AM	000	12PI33	12PI33

APR 30, -391	11:07 AM	000	14PI18	14PI18
APR 11, -389	07:40 AM	000	15PI56	15PI56
MAR 23, -387	09:18 AM	000	17PI31	17PI31
MAR 05, -385	07:59 PM	000	19PI05	19PI05
FEB 14, -383	10:51 PM	000	20PI39	20PI39
JAN 26, -381	04:12 PM	000	22PI15	22PI15
JAN 01, -379	08:26 PM	000	23PI55	23PI55
JUL 01, -378	10:20 AM	000	27PI50	27PI50
MAY 30, -376	01:30 PM	000	29PI35	29PI35
MAY 09, -374	07:03 PM	000	01AR11	01AR11
APR 20, -372	09:05 AM	000	02AR43	02AR43
APR 02, -370	06:19 PM	000	04AR12	04AR12
MAR 15, -368	07:07 AM	000	05AR41	05AR41
FEB 25, -366	06:27 AM	000	07AR10	07AR10
FEB 05, -364	06:57 AM	000	08AR42	08AR42
JAN 08, -362	06:29 AM	000	10AR22	10AR22
JUL 03, -361	07:30 AM	000	14AR11	14AR11
JUN 07, -359	03:24 PM	000	15AR49	15AR49
MAY 19, -357	05:31 AM	000	17AR21	17AR21
APR 30, -355	10:08 AM	000	18AR50	18AR50
APR 13, -353	04:07 AM	000	20AR17	20AR17
MAR 25, -351	08:28 PM	000	21AR44	21AR44
MAR 07, -349	05:16 PM	000	23AR14	23AR14
FEB 13, -347	10:48 PM	000	24AR48	24AR48
AUG 24, -346	10:29 AM	000	28AR25	28AR25R
SEP 30, -346	12:32 PM	000	27AR57R	27AR57R
JAN 12, -345	06:07 PM	000	26AR31	26AR31R
JUL 08, -344	04:29 PM	000	00TA16	00TA16
JUN 16, -342	11:17 PM	000	01TA52	01TA52
MAY 28, -340	01:21 PM	000	03TA24	03TA24

MAY 11, -338	07:51 AM	000	04TA54	04TA54
APR 23, -336	11:44 AM	000	06TA24	06TA24
APR 06, -334	09:52 AM	000	07TA56	07TA56
MAR 18, -332	05:19 AM	000	09TA30	09TA30
FEB 24, -330	03:02 PM	000	11TA08	11TA08
AUG 18, -329	01:14 AM	000	14TA59	14TA59
NOV 30, -329	05:33 AM	000	13TA37R	13TA37R
JAN 13, -328	06:12 AM	000	13TA02	13TA02R
JUL 18, -327	04:37 AM	000	16TA47	16TA47
JUN 28, -325	07:14 AM	000	18TA27	18TA27
JUN 09, -323	07:22 PM	000	20TA06	20TA06
MAY 24, -321	05:21 AM	000	21TA43	21TA43
MAY 06, -319	09:06 PM	000	23TA21	23TA21
APR 20, -317	04:20 AM	000	25TA00	25TA00
APR 01, -315	03:34 AM	000	26TA44	26TA44
MAR 10, -313	01:13 AM	000	28TA34	28TA34
AUG 25, -312	05:49 PM	000	02GE42	02GE42
JUL 31, -310	01:33 PM	000	04GE39	04GE39
JUL 12, -308	00:13 AM	000	06GE31	06GE31
JUN 25, -306	10:07 AM	000	08GE22	08GE22
JUN 08, -304	02:15 PM	000	10GE14	10GE14
MAY 23, -302	10:48 PM	000	12GE07	12GE07
MAY 06, -300	09:55 PM	000	14GE05	14GE05
APR 19, -298	11:44 AM	000	16GE08	16GE08
MAR 27, -296	07:11 PM	000	18GE18	18GE18
SEP 11, -295	06:52 PM	000	22GE56	22GE56
AUG 19, -293	05:32 PM	000	25GE14	25GE14
AUG 01, -291	07:58 AM	000	27GE30	27GE30
JUL 16, -289	07:05 PM	000	29GE47	29GE47
JUL 01, -287	00:31 AM	000	02CA07	02CA07

JUN 16, -285	10:19 AM	000	04CA30	04CA30
MAY 31, -283	12:03 PM	000	06CA59	06CA59
MAY 15, -281	08:54 AM	000	09CA35	09CA35
APR 24, -279	04:37 PM	000	12CA20	12CA20
OCT 10, -278	10:53 AM	000	17CA48	17CA48
FEB 20, -277	10:56 AM	000	15CA46R	15CA46R
MAR 07, -277	05:59 PM	000	15CA33	15CA33R
SEP 16, -276	11:59 AM	000	20CA50	20CA50
AUG 31, -274	02:22 AM	000	23CA50	23CA50
AUG 15, -272	06:59 PM	000	26CA54	26CA54
AUG 02, -270	08:50 AM	000	00LE01	00LE01
JUL 19, -268	05:26 AM	000	03LE14	03LE14
JUL 05, -266	10:18 PM	000	06LE35	06LE35
JUN 20, -264	07:50 PM	000	10LE06	10LE06
JUN 04, -262	10:17 AM	000	13LE50	13LE50
DEC 01, -261	02:10 PM	000	20LE29	20LE29R
FEB 01, -260	03:06 AM	000	19LE28R	19LE28R
MAY 08, -260	11:16 PM	000	17LE49	17LE49
OCT 30, -259	06:41 PM	000	24LE41	24LE41
OCT 14, -257	03:59 AM	000	28LE47	28LE47
SEP 29, -255	03:37 PM	000	02VI55	02VI55
SEP 17, -253	07:40 AM	000	07VI06	07VI06
SEP 04, -251	09:12 AM	000	11VI21	11VI21
AUG 23, -249	08:06 AM	000	15VI42	15VI42
AUG 09, -247	03:57 PM	000	20VI10	20VI10
JUL 26, -245	09:19 AM	000	24VI44	24VI44
JUL 06, -243	09:40 AM	000	29VI27	29VI27
DEC 31, -242	07:21 AM	000	07LI18	07LI18
DEC 08, -240	05:03 AM	000	12LI05	12LI05
NOV 22, -238	10:11 PM	000	16LI42	16LI42

NOV 08, -236	12:41 PM	000	21LI12	21LI12
OCT 26, -234	03:43 PM	000	25LI36	25LI36
OCT 12, -232	02:47 PM	000	29LI56	29LI56
SEP 28, -230	09:05 PM	000	04SC12	04SC12
SEP 12, -228	03:17 PM	000	08SC27	08SC27
AUG 24, -226	06:19 AM	000	12SC44	12SC44
FEB 28, -224	11:31 PM	000	19SC57	19SC57R
JAN 26, -222	03:52 PM	000	24SC13	24SC13
JAN 08, -220	00:48 AM	000	28SC07	28SC07
DEC 22, -219	03:55 AM	000	01SA48	01SA48
DEC 07, -217	02:16 AM	000	05SA20	05SA20
NOV 20, -215	11:59 PM	000	08SA44	08SA44
NOV 05, -213	06:06 AM	000	12SA05	12SA05
OCT 17, -211	08:40 PM	000	15SA25	15SA25
SEP 25, -209	09:29 AM	000	18SA47	18SA47
APR 01, -207	04:32 AM	000	24SA54	24SA54R
FEB 27, -205	10:56 PM	000	28SA12	28SA12
FEB 07, -203	00:33 AM	000	01CP11	01CP11
JAN 20, -201	05:28 PM	000	04CP01	04CP01
JAN 03, -199	04:55 AM	000	06CP43	06CP43
DEC 17, -198	04:41 PM	000	09CP21	09CP21
NOV 29, -196	11:41 AM	000	11CP57	11CP57
NOV 10, -194	03:29 AM	000	14CP35	14CP35
OCT 12, -192	10:05 PM	000	17CP18	17CP18
APR 16, -190	08:40 PM	000	22CP34	22CP34
MAR 19, -188	02:37 PM	000	25CP09	25CP09
FEB 27, -186	08:45 PM	000	27CP32	27CP32
FEB 10, -184	02:37 AM	000	29CP47	29CP47
JAN 22, -182	09:41 PM	000	01AQ58	01AQ58
JAN 05, -180	01:40 PM	000	04AQ06	04AQ06

DEC 17, -179	07:11 AM	000	06AQ14	06AQ14
NOV 26, -177	00:18 AM	000	08AQ26	08AQ26
OCT 19, -175	03:21 AM	000	10AQ49	10AQ49R
APR 27, -173	10:01 PM	000	15AQ25	15AQ25
APR 03, -171	08:27 AM	000	17AQ33	17AQ33
MAR 15, -169	03:27 AM	000	19AQ32	19AQ32
FEB 24, -167	06:51 AM	000	21AQ25	21AQ25
FEB 06, -165	06:42 PM	000	23AQ15	23AQ15
JAN 18, -163	10:29 PM	000	25AQ05	25AQ05
DEC 30, -162	05:31 PM	000	26AQ57	26AQ57
DEC 05, -160	10:10 PM	000	28AQ54	28AQ54
JUN 10, -158	11:13 AM	000	03PI10	03PI10R
MAY 06, -156	08:49 AM	000	05PI12	05PI12
APR 15, -154	01:22 AM	000	07PI01	07PI01
MAR 26, -152	09:06 AM	000	08PI44	08PI44
MAR 08, -150	02:12 PM	000	10PI24	10PI24
FEB 18, -148	11:19 PM	000	12PI03	12PI03
JAN 30, -146	06:19 PM	000	13PI42	13PI42
JAN 10, -144	12:23 PM	000	15PI24	15PI24
DEC 12, -143	05:16 PM	000	17PI12	17PI12
JUN 11, -141	01:45 AM	000	21PI14	21PI14
MAY 15, -139	02:49 AM	000	22PI59	22PI59
APR 25, -137	05:05 AM	000	24PI37	24PI37
APR 06, -135	00:49 AM	000	26PI11	26PI11
MAR 19, -133	09:53 AM	000	27PI43	27PI43
FEB 28, -131	05:28 PM	000	29PI14	29PI14
FEB 10, -129	03:37 AM	000	00AR47	00AR47
JAN 18, -127	03:28 PM	000	02AR23	02AR23
AUG 06, -126	10:03 PM	000	06AR01	06AR01R
SEP 05, -126	05:30 PM	000	05AR38R	05AR38R

DEC 13, -126	11:04 PM	000	04AR11	04AR11R
JUN 15, -124	04:02 AM	000	07AR59	07AR59
MAY 23, -122	06:27 PM	000	09AR36	09AR36
MAY 03, -120	08:23 PM	000	11AR07	11AR07
APR 16, -118	02:52 AM	000	12AR36	12AR36
MAR 28, -116	05:17 PM	000	14AR03	14AR03
MAR 11, -114	00:40 AM	000	15AR32	15AR32
FEB 20, -112	01:19 AM	000	17AR03	17AR03
JAN 26, -110	09:51 PM	000	18AR39	18AR39
JUL 23, -109	02:24 AM	000	22AR26	22AR26
JUN 22, -107	07:39 AM	000	24AR06	24AR06
JUN 01, -105	09:56 PM	000	25AR39	25AR39
MAY 13, -103	06:34 PM	000	27AR08	27AR08
APR 26, -101	11:30 AM	000	28AR36	28AR36
APR 08, -99	08:47 AM	000	00TA04	00TA04
MAR 21, -97	05:33 PM	000	01TA33	01TA33
MAR 01, -95	08:25 AM	000	03TA06	03TA06
FEB 04, -93	01:20 AM	000	04TA45	04TA45
JUL 25, -92	05:38 PM	000	08TA34	08TA34
JUL 01, -90	08:24 AM	000	10TA13	10TA13
JUN 11, -88	07:33 AM	000	11TA48	11TA48
MAY 24, -86	10:12 PM	000	13TA21	13TA21
MAY 07, -84	03:07 AM	000	14TA52	14TA52
APR 20, -82	08:28 AM	000	16TA24	16TA24
APR 01, -80	08:48 PM	000	17TA59	17TA59
MAR 13, -78	04:43 AM	000	19TA38	19TA38
FEB 13, -76	09:41 AM	000	21TA25	21TA25
AUG 03, -75	03:55 PM	000	25TA23	25TA23
JUL 13, -73	00:22 AM	000	27TA08	27TA08
JUN 24, -71	01:38 AM	000	28TA50	28TA50

JUN 07, -69	10:05 AM	000	00GE31	00GE31
MAY 21, -67	05:37 AM	000	02GE11	02GE11
MAY 04, -65	10:49 PM	000	03GE54	03GE54
APR 16, -63	08:35 PM	000	05GE41	05GE41
MAR 28, -61	06:23 AM	000	07GE34	07GE34
SEP 21, -60	05:11 PM	000	11GE44	11GE44R
NOV 21, -60	10:35 AM	000	10GE57R	10GE57R
FEB 25, -59	03:03 PM	000	09GE37	09GE37
AUG 17, -58	04:16 PM	000	13GE52	13GE52
JUL 27, -56	06:34 PM	000	15GE52	15GE52
JUL 10, -54	08:34 PM	000	17GE50	17GE50
JUN 24, -52	02:22 AM	000	19GE49	19GE49
JUN 08, -50	06:05 PM	000	21GE50	21GE50
MAY 23, -48	06:31 AM	000	23GE54	23GE54
MAY 06, -46	11:03 PM	000	26GE03	26GE03
APR 17, -44	04:51 AM	000	28GE18	28GE18
OCT 09, -43	02:53 PM	000	03CA03	03CA03R
DEC 16, -43	07:13 PM	000	02CA06R	02CA06R
MAR 19, -42	05:10 PM	000	00CA46	00CA46
SEP 07, -41	10:17 PM	000	05CA38	05CA38
AUG 19, -39	05:57 AM	000	08CA07	08CA07
AUG 03, -37	11:11 AM	000	10CA37	10CA37
JUL 18, -35	08:24 PM	000	13CA09	13CA09
JUL 04, -33	04:11 PM	000	15CA44	15CA44
JUN 19, -31	10:48 AM	000	18CA25	18CA25
JUN 04, -29	01:46 PM	000	21CA13	21CA13
MAY 17, -27	07:28 PM	000	24CA11	24CA11
NOV 23, -26	01:44 AM	000	29CA45	29CA45R
DEC 16, -26	12:30 PM	000	29CA24R	29CA24R
APR 24, -25	10:38 AM	000	27CA22	27CA22

OCT 10, -24	06:59 AM	000	03LE19	03LE19
SEP 21, -22	11:48 PM	000	06LE40	06LE40
SEP 06, -20	07:37 AM	000	10LE03	10LE03
AUG 24, -18	01:01 AM	000	13LE30	13LE30
AUG 10, -16	08:45 AM	000	17LE02	17LE02
JUL 28, -14	06:33 PM	000	20LE42	20LE42
JUL 14, -12	06:35 PM	000	24LE31	24LE31
JUN 30, -10	12:54 PM	000	28LE30	28LE30
JUN 11, -8	04:47 PM	000	02VI42	02VI42
DEC 02, -7	03:55 PM	000	09VI59	09VI59
NOV 10, -5	02:15 PM	000	14VI28	14VI28
OCT 25, -3	04:28 PM	000	18VI55	18VI55
OCT 12, -1	09:20 PM	000	23VI22	23VI22